

L6 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1996:641281 CAPLUS

DOCUMENT NUMBER: 125:275866

TITLE: Preparation of pyrazole derivatives as selective herbicides

INVENTOR(S): Nasuno, Ichiro; Sakamoto, Masashi; Nakamura, Kazufumi; Koike, Kazuyoshi

PATENT ASSIGNEE(S): Idemitsu Kosan Co., Ltd., Japan

SOURCE: PCT Int. Appl., 110 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

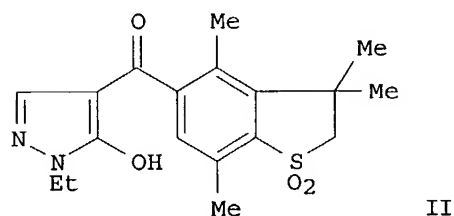
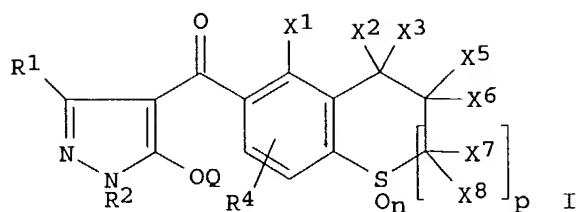
FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9625412	A1	19960822	WO 1996-JP298	19960213 <--
W: AL, AM, AU, BB, BG, BR, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG, KR, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, UZ, VN, AZ, BY, KG, KZ, RU, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5607898	A	19970304	US 1996-595359	19960201 <--
CA 2212800	AA	19960822	CA 1996-2212800	19960213 <--
AU 9646339	A1	19960904	AU 1996-46339	19960213 <--
AU 720761	B2	20000608		
BR 9606950	A	19971028	BR 1996-6950	19960213 <--
EP 810226	A1	19971203	EP 1996-901986	19960213 <--
EP 810226	B1	20030502		
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE, PT				
CN 1181080	A	19980506	CN 1996-193241	19960213 <--
CN 1077106	B	20020102		
JP 3194748	B2	20010806	JP 1996-524823	19960213
AT 239018	E	20030515	AT 1996-901986	19960213
PT 810226	T	20030930	PT 1996-901986	19960213
ES 2194971	T3	20031201	ES 1996-901986	19960213
US 5767289	A	19980616	US 1996-727915	19961009 <--
CN 1312248	A	20010912	CN 2001-101531	20010117
PRIORITY APPLN. INFO.:				
			JP 1995-24102	U 19950213
			JP 1993-191428	A 19930802
			JP 1994-71788	A 19940411
			US 1996-595359	A3 19960201
			WO 1996-JP298	W 19960213

OTHER SOURCE(S): MARPAT 125:275866

GI



AB The title compds. I [R1 = H, alkyl; R2 = alkyl; X1 = H, halo, etc.; X2, X3, X5, X6, X7, X8 = H, alkyl; or X2X5, X5X7 = bond; X4 = H, halo, etc.; Q = H, etc.; n = 0 - 2; p = 0 or 1; a proviso is given] are prepared I cause no damage to corn, wheat, and barley. The title compound II (preparation given) at 300 g/ha gave complete control of barnyard grass, Abutilon avicennae, Amaranthus retroflexus, Digitaria adscendens, etc., and caused no damage corn and wheat.

IT 182425-77-0P 182425-80-5P 182425-84-9P

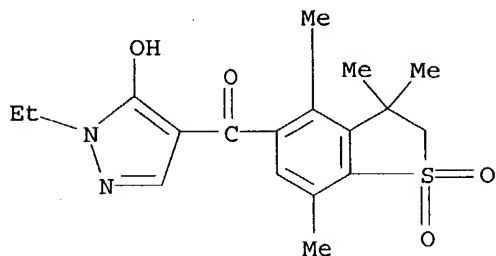
182425-85-0P 182425-88-3P 182425-89-4P

182425-90-7P 182425-91-8P 182425-92-9P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of pyrazole derivs. as selective herbicides)

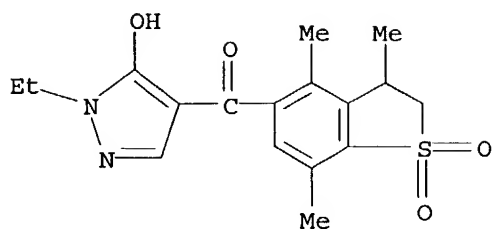
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CN Methanone, (2,3-dihydro-3,3,4,7-tetramethyl-1,1-dioxidobenzo[b]thien-5-yl)(1-ethyl-5-hydroxy-1H-pyrazol-4-yl)- (9CI) (CA INDEX NAME)



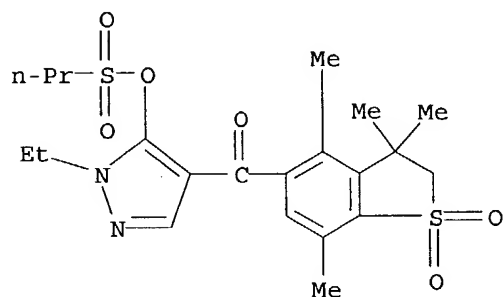
RN 182425-80-5 CAPLUS

CN Methanone, (2,3-dihydro-3,4,7-trimethyl-1,1-dioxidobenzo[b]thien-5-yl)(1-ethyl-5-hydroxy-1H-pyrazol-4-yl)- (9CI) (CA INDEX NAME)



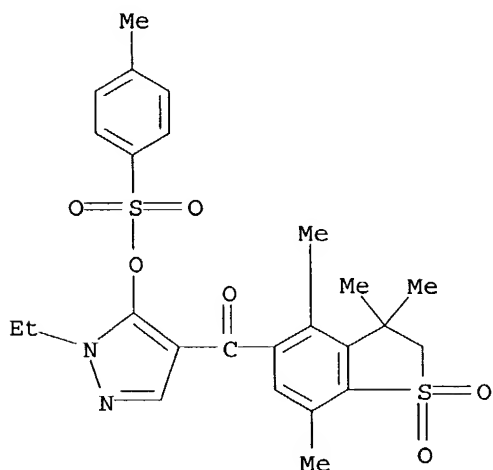
RN 182425-84-9 CAPLUS

CN 1-Propanesulfonic acid, 4-[(2,3-dihydro-3,3,4,7-tetramethyl-1,1-dioxidobenzo[b]thien-5-yl)carbonyl]-1-ethyl-1H-pyrazol-5-yl ester (9CI)  
(CA INDEX NAME)



RN 182425-85-0 CAPLUS

CN Methanone, (2,3-dihydro-3,3,4,7-tetramethyl-1,1-dioxidobenzo[b]thien-5-yl)[1-ethyl-5-[[4-methylphenyl)sulfonyl]oxy]-1H-pyrazol-4-yl]- (9CI) (CA INDEX NAME)



RN 182425-88-3 CAPLUS

CN 1-Propanesulfonic acid, 4-[(2,3-dihydro-3,4,7-trimethyl-1,1-dioxidobenzo[b]thien-5-yl)carbonyl]-1-ethyl-1H-pyrazol-5-yl ester (9CI)  
(CA INDEX NAME)